

Fig. 1

2/20

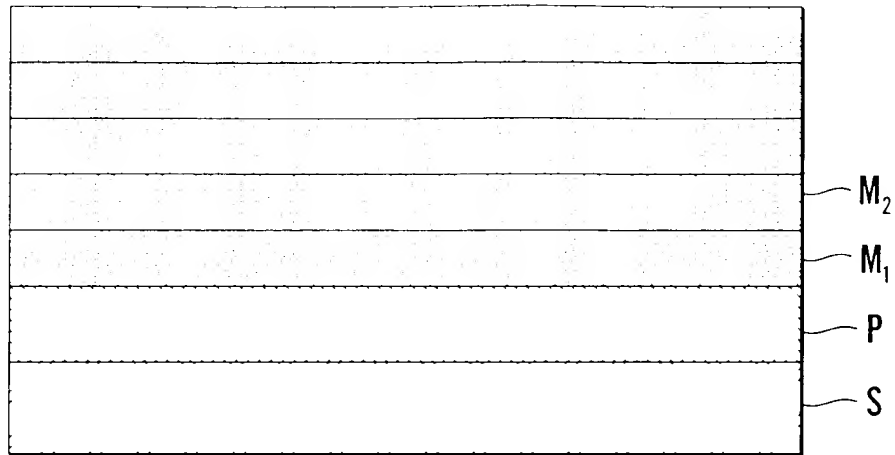


Fig. 2

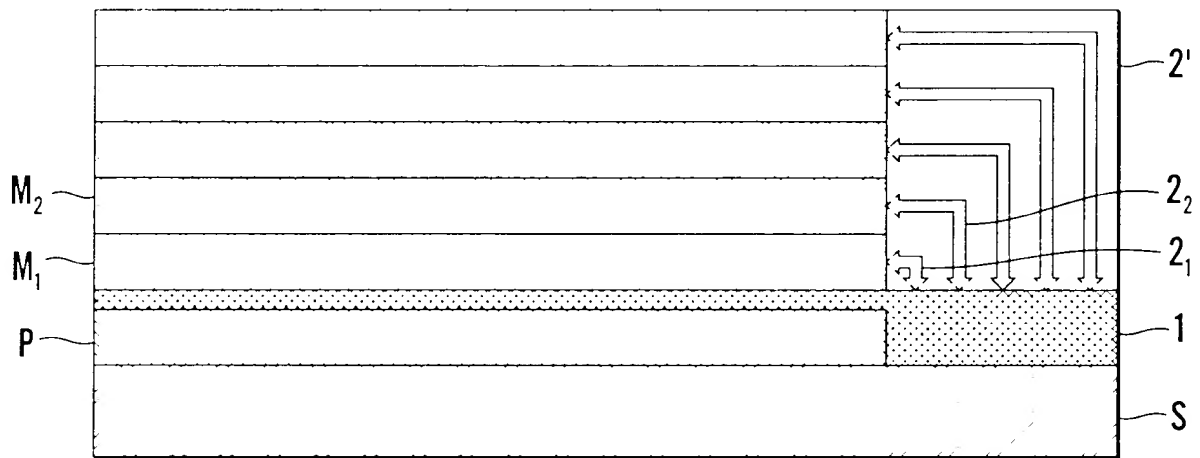


Fig. 3

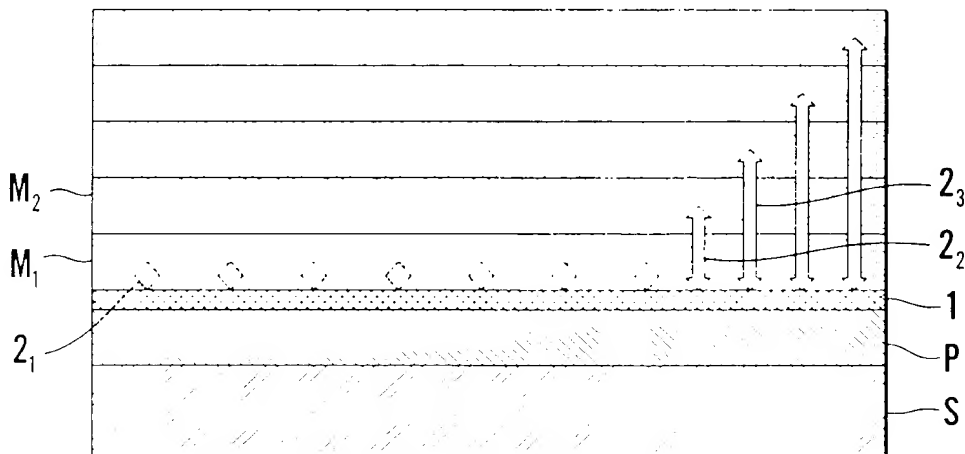


Fig. 4

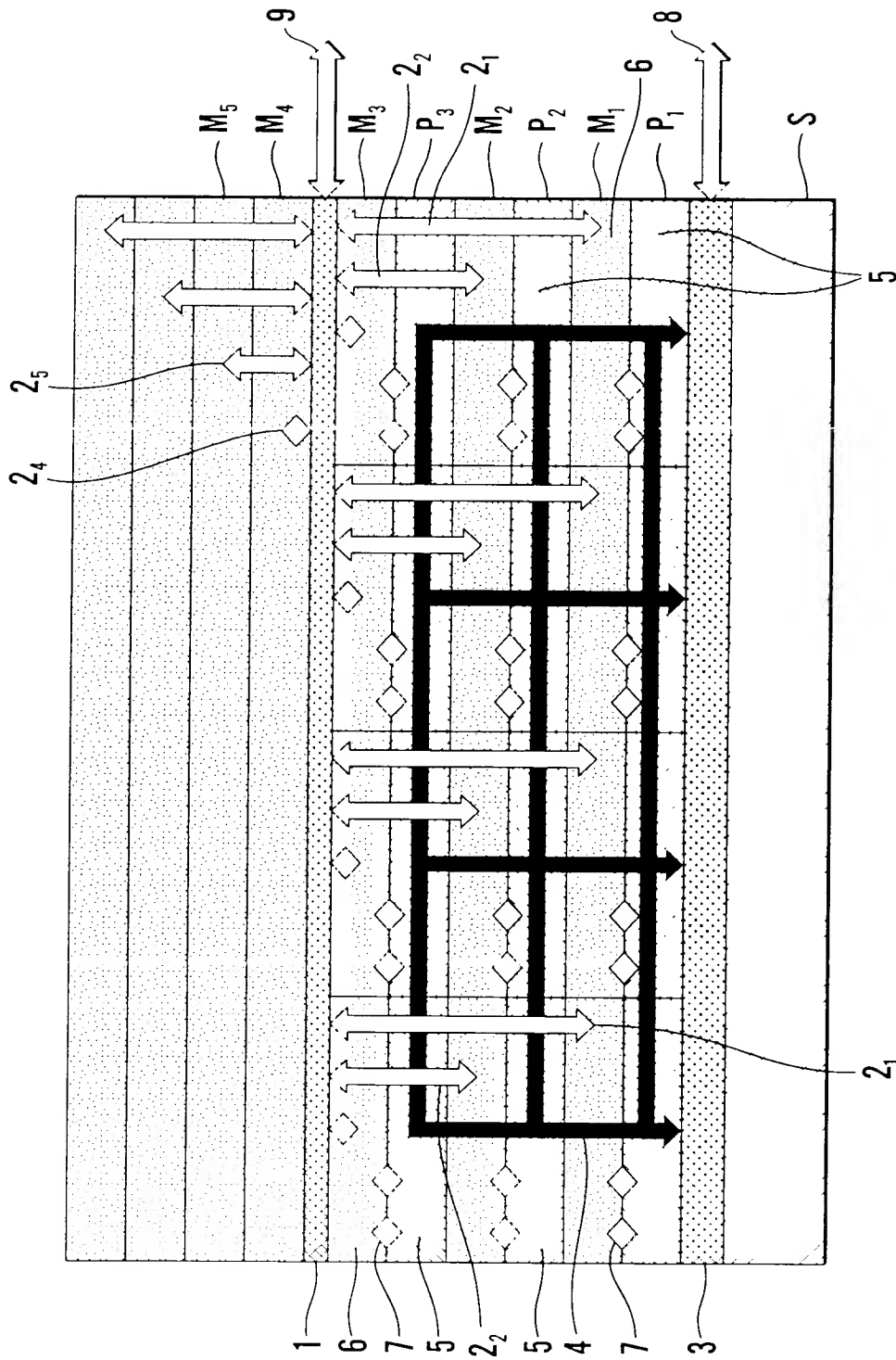


Fig. 5

4/20

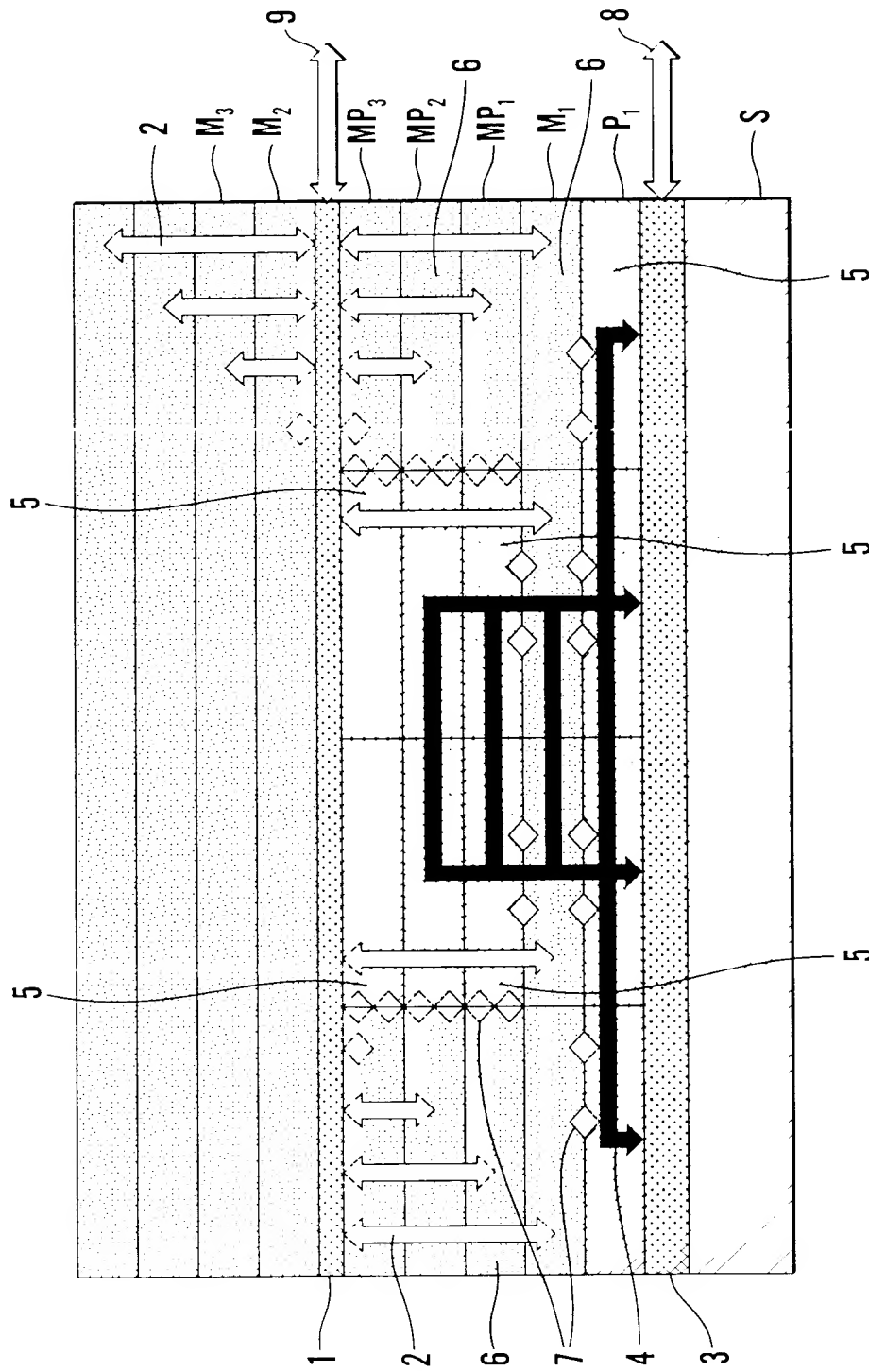


Fig. 6

5/20

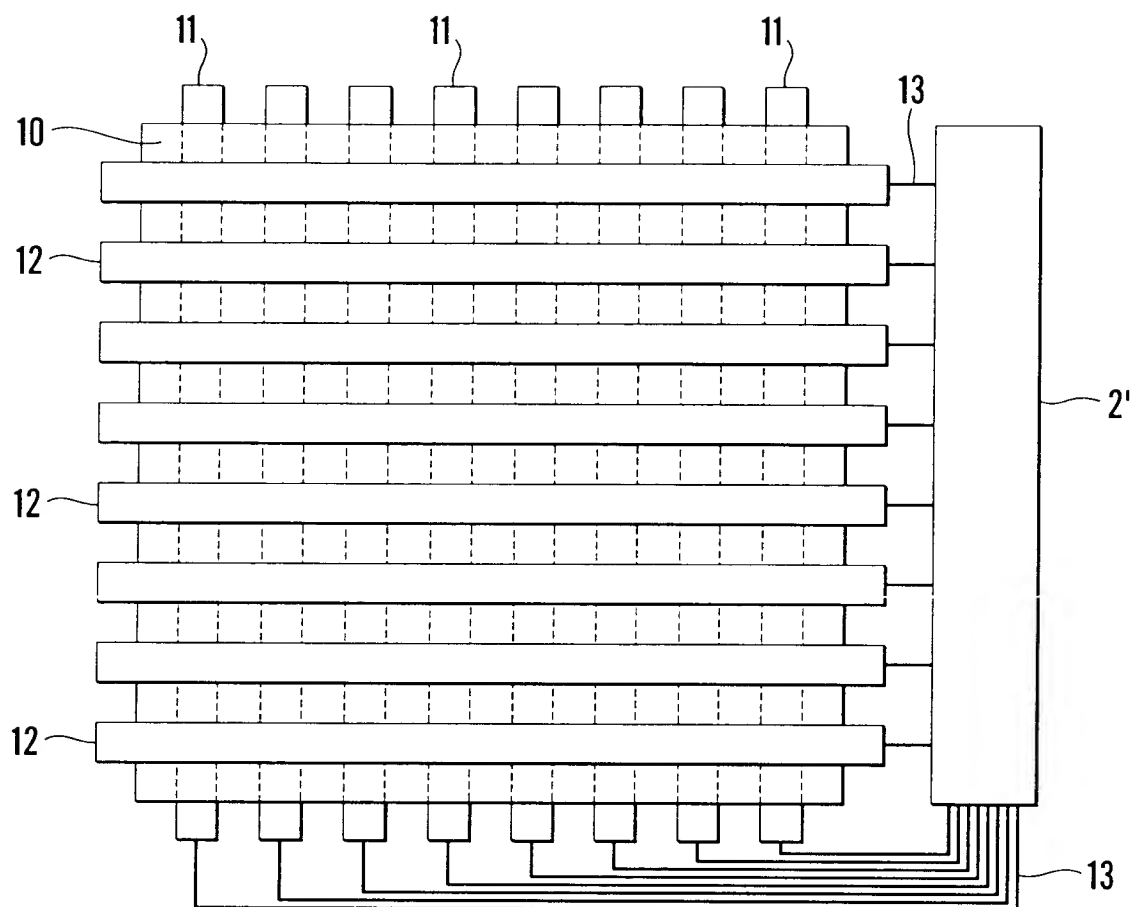


Fig. 7a

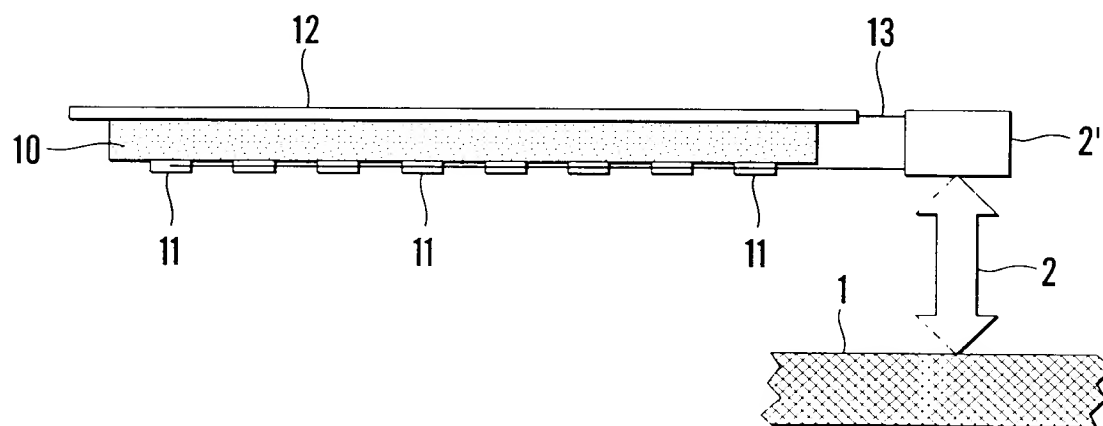


Fig. 7b

6/20

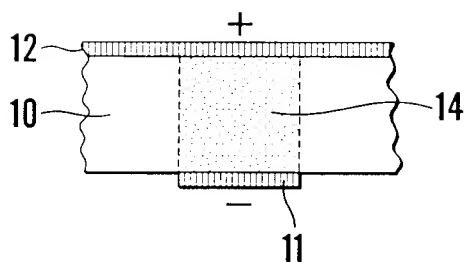


Fig. 7c

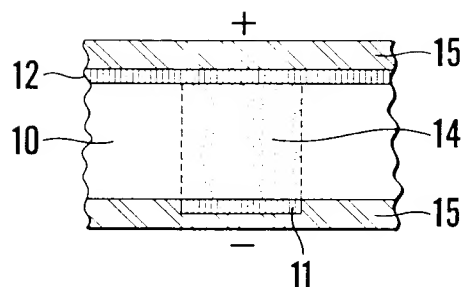


Fig. 7d

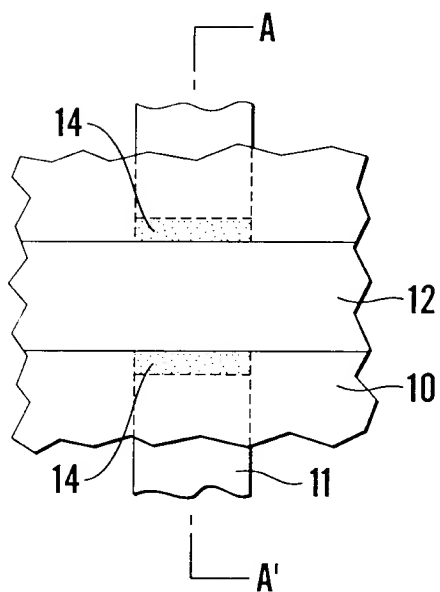


Fig. 7e

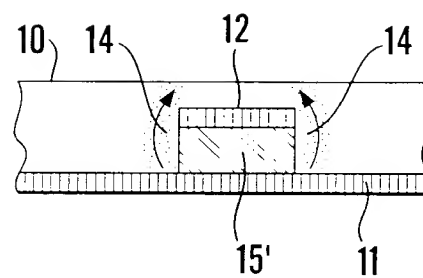


Fig. 7f

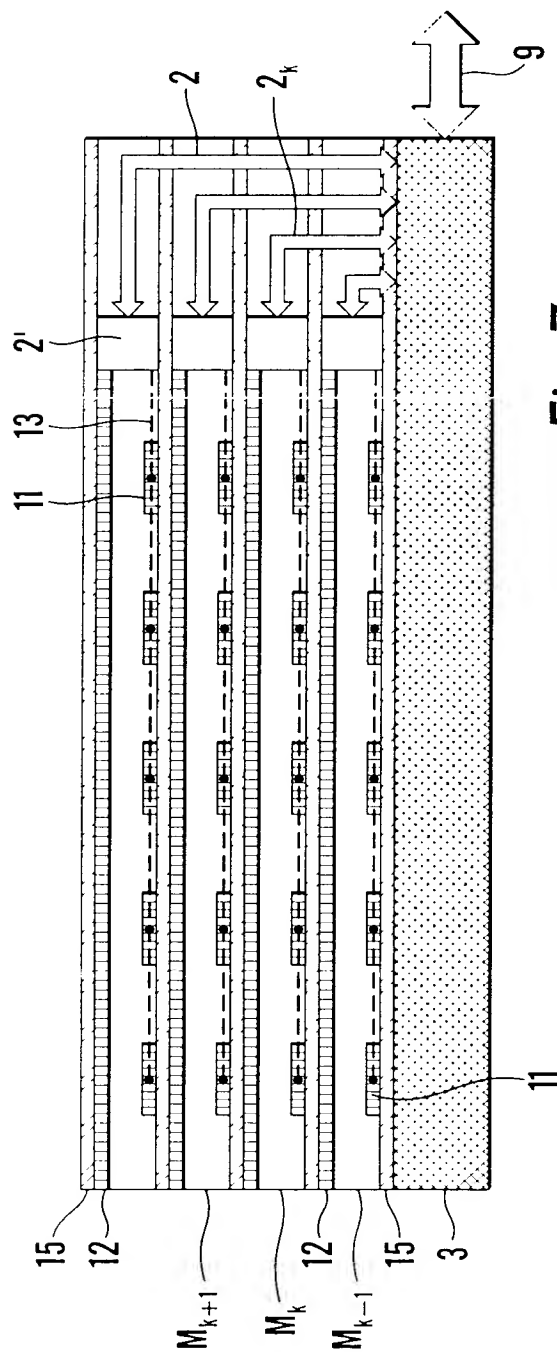


Fig. 7g

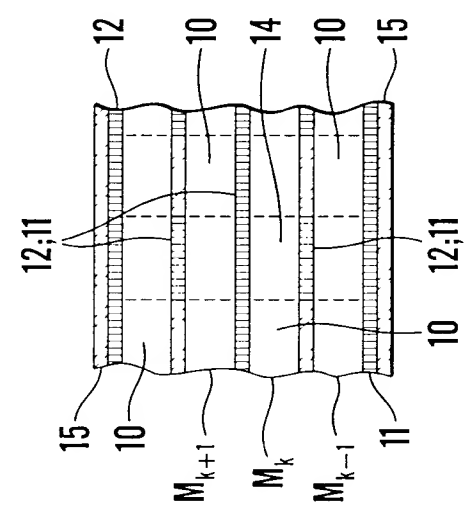


Fig. 7h

8/20

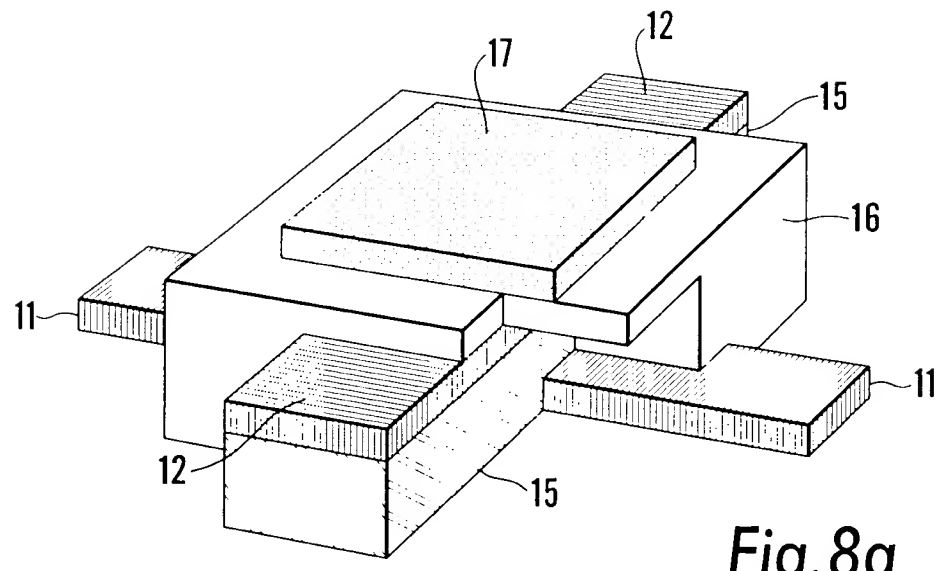


Fig. 8a

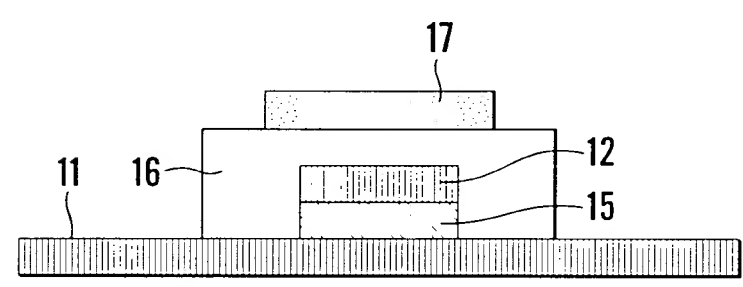


Fig. 8b

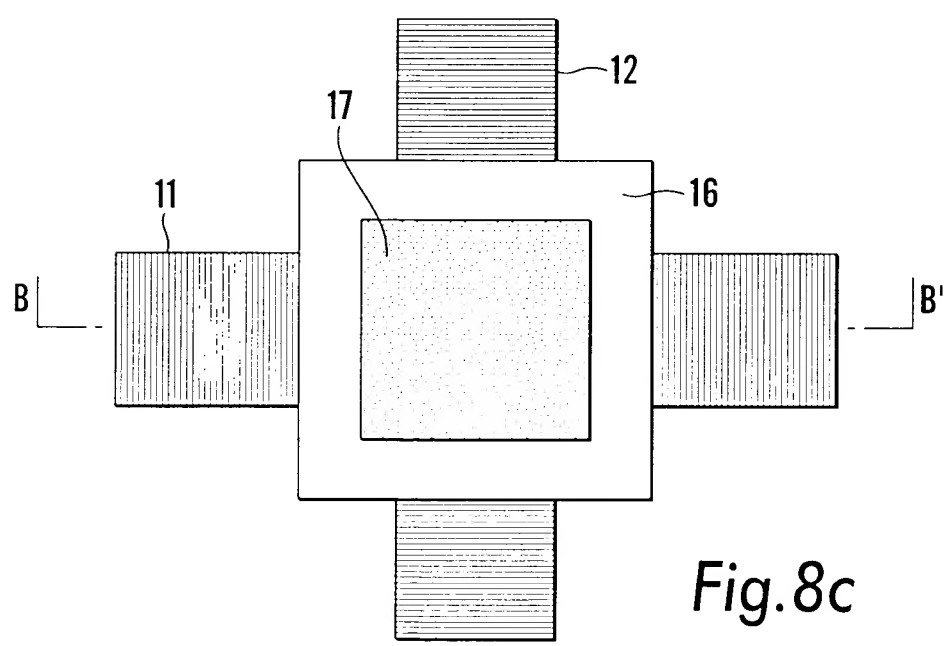


Fig. 8c

Fig. 10

10/20

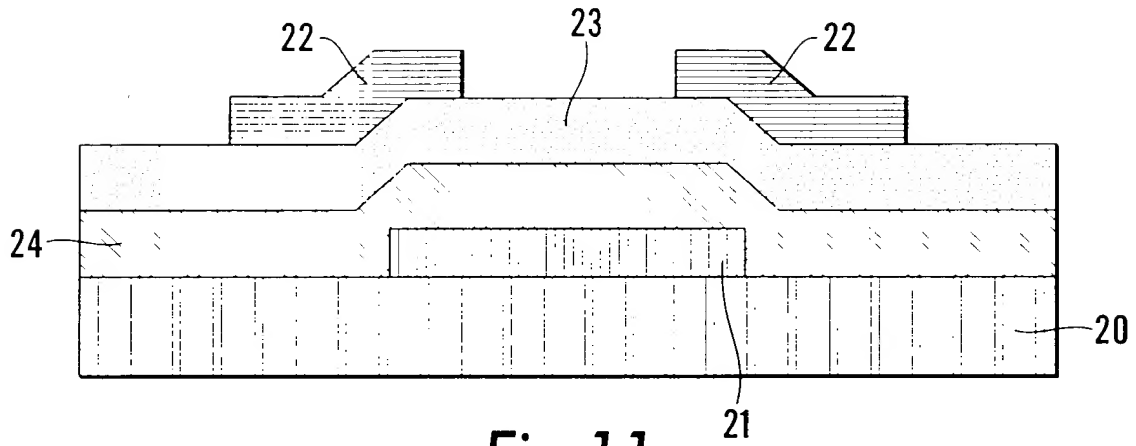


Fig. 11

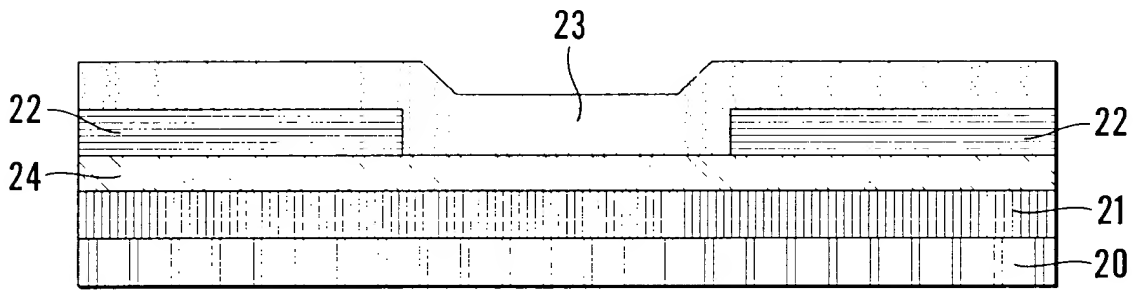


Fig. 12

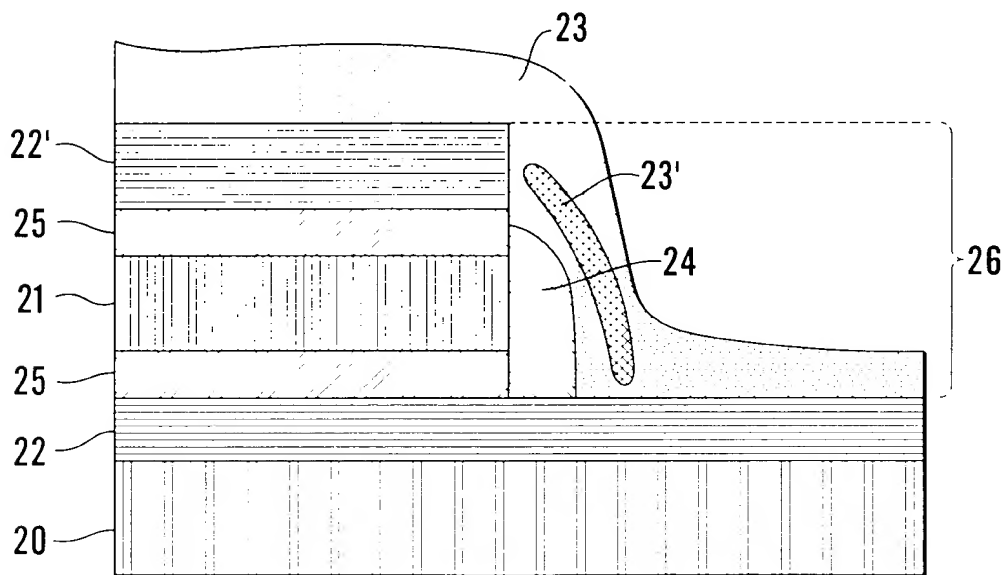


Fig. 13

11/20

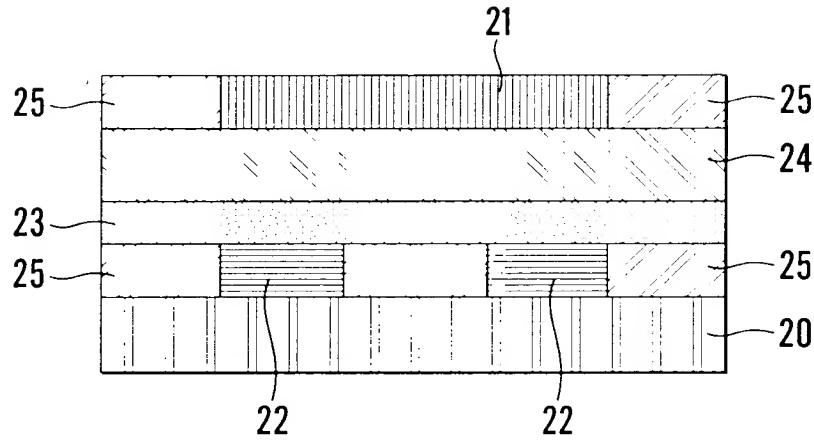


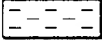
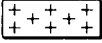



Fig. 14

LEGEND TO FIGS. 15-21

-  ISOLATING
-  SEMICONDUCTING
-  p-TYPE SEMICONDUCTING
-  n-TYPE SEMICONDUCTING
-  CONDUCTING, ELECTRODES



HORIZONTAL AND VERTICAL
CONDUCTING PATH (Δ , UP; ∇ , DOWN)

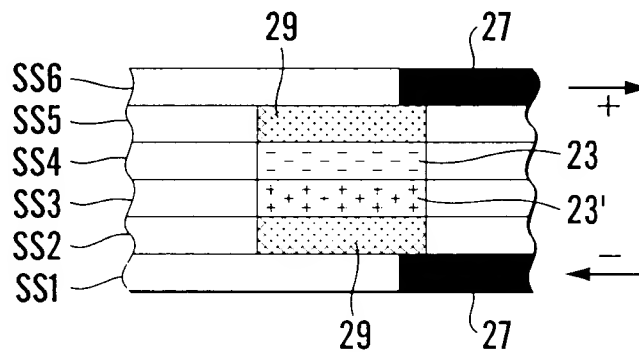
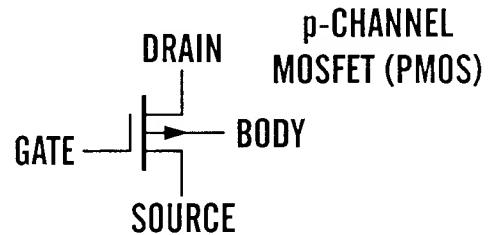
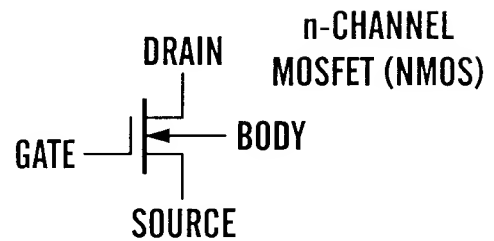


Fig. 15

12/20

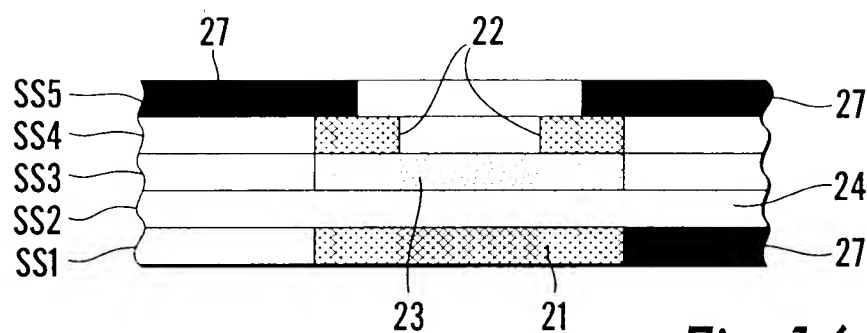


Fig. 16

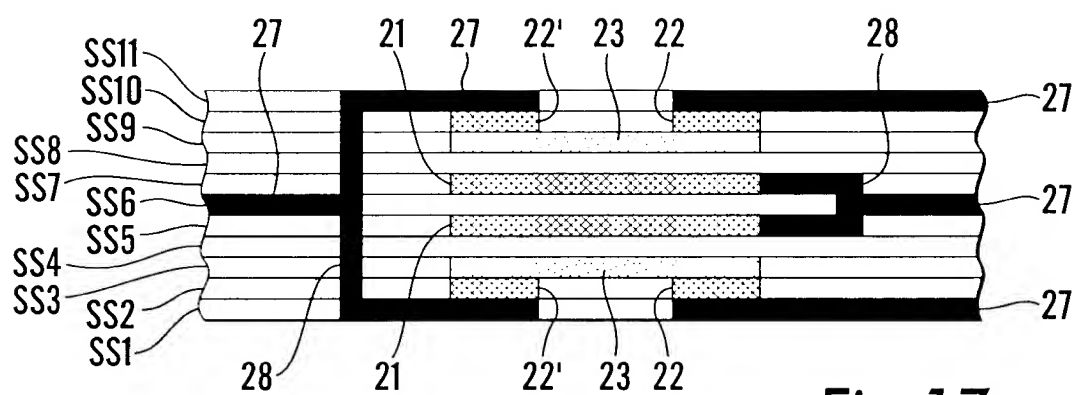


Fig. 17a

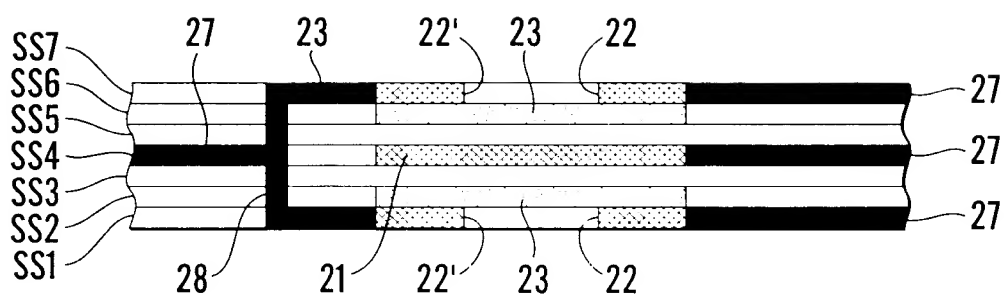


Fig. 17b

13/20

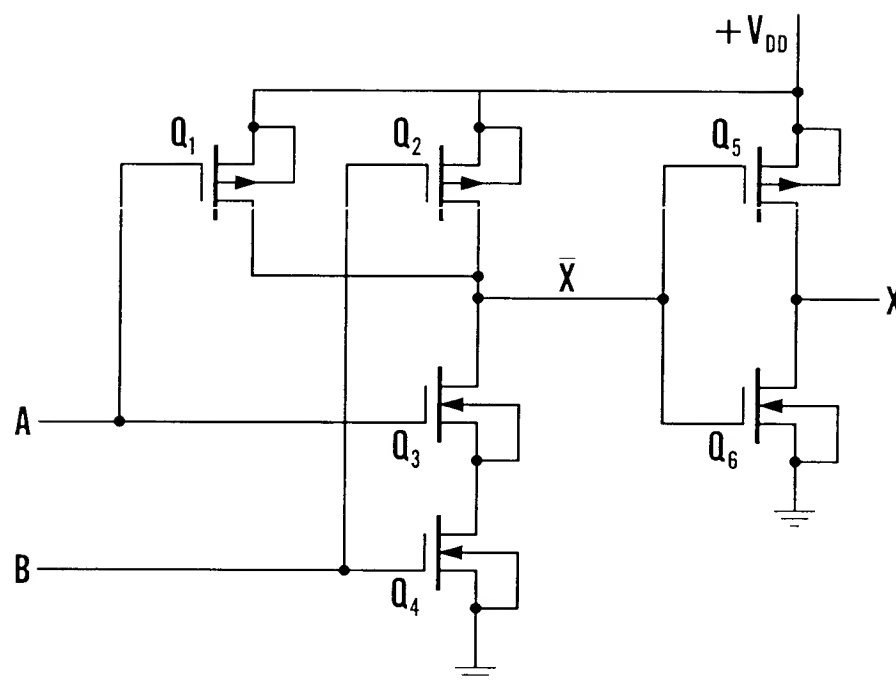


Fig. 18

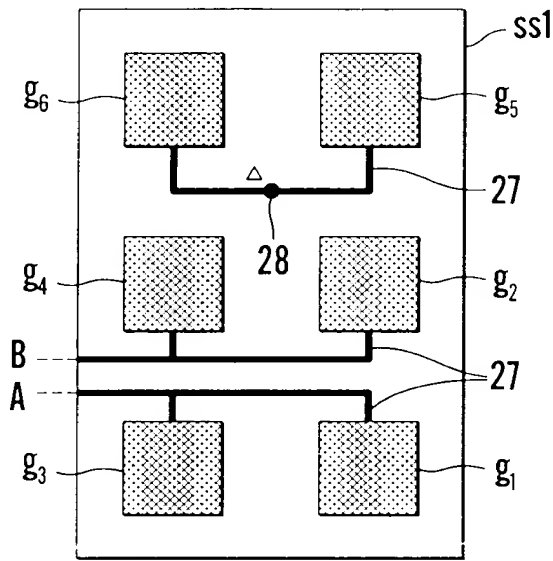


Fig. 19a

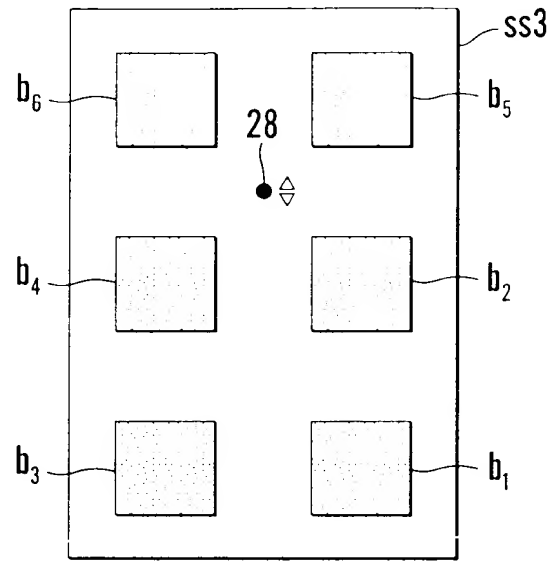


Fig. 19b

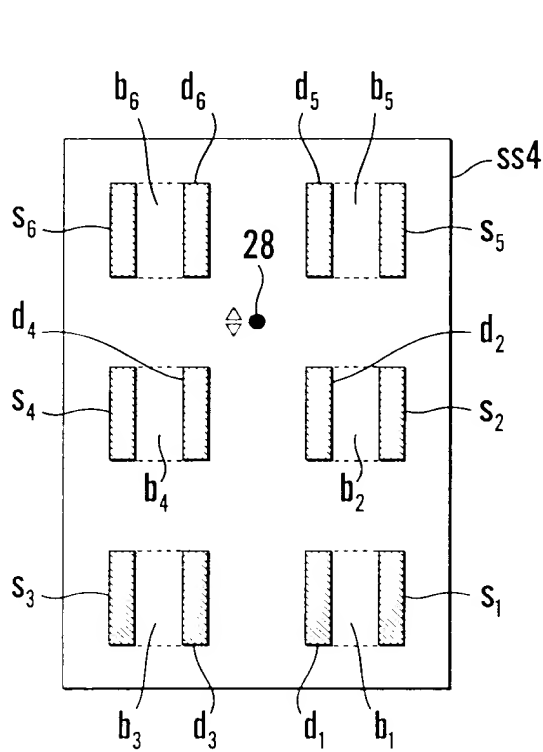


Fig. 19c

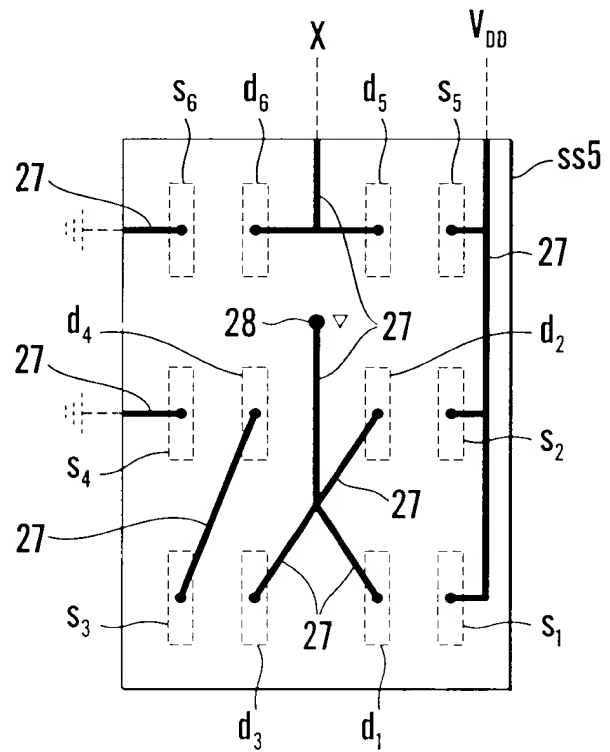


Fig. 19d

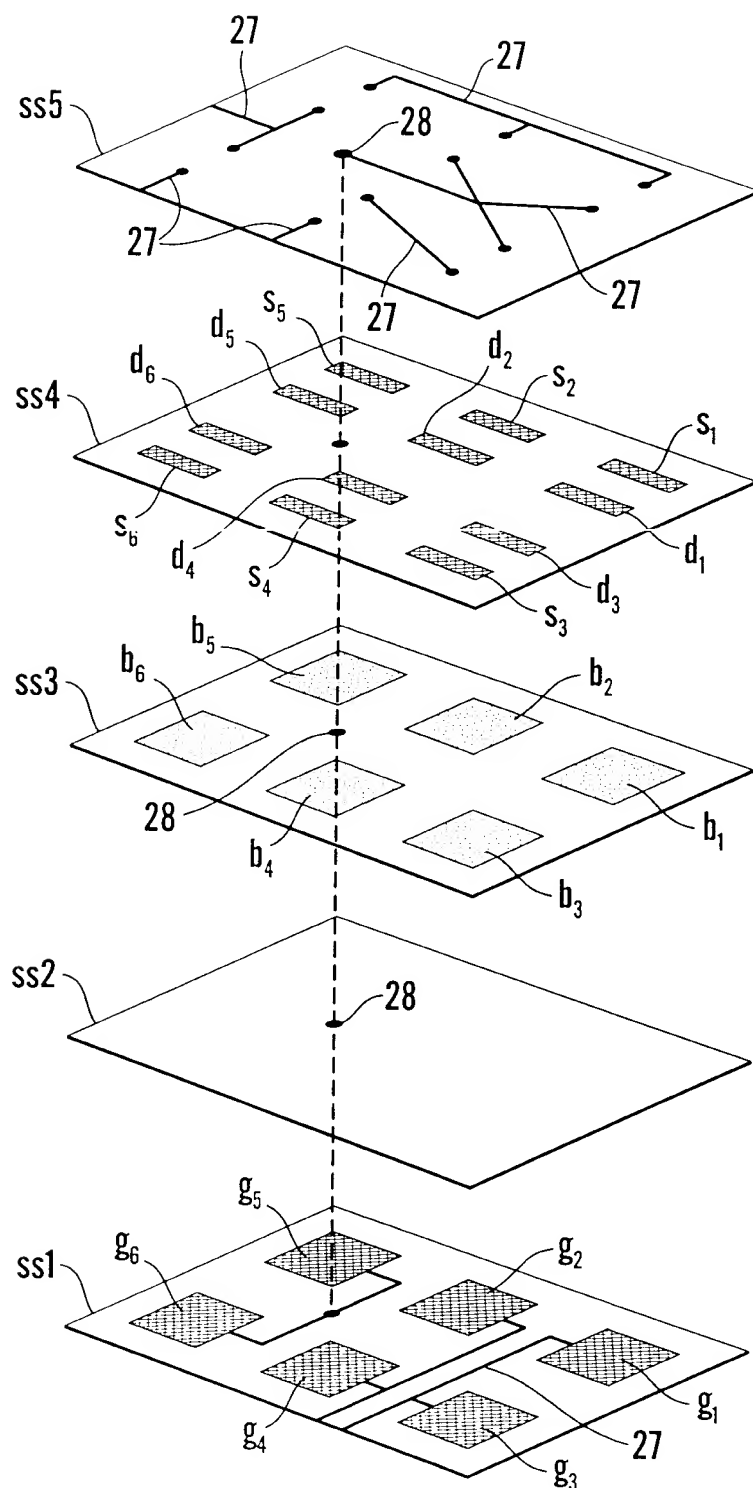


Fig.20

16/20

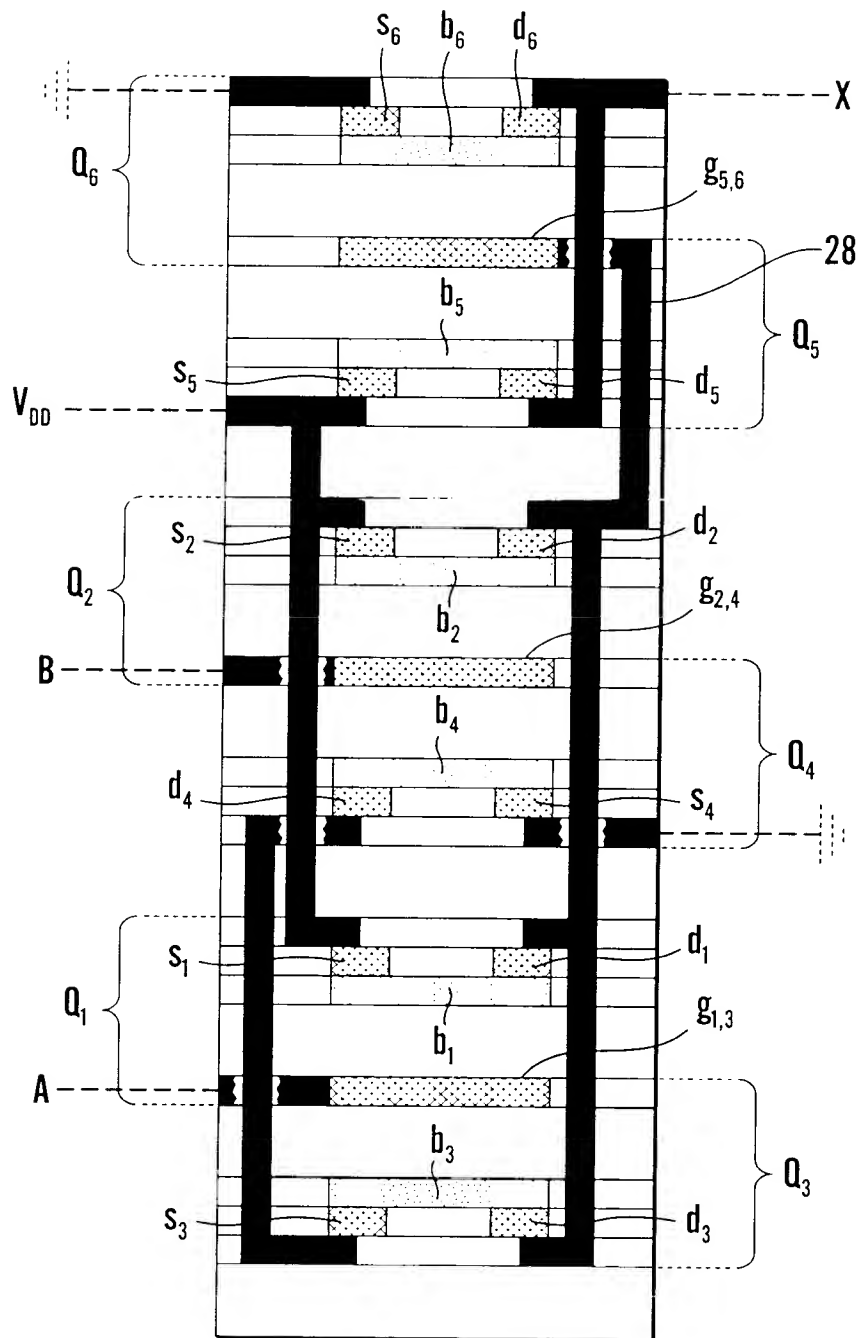


Fig.21a

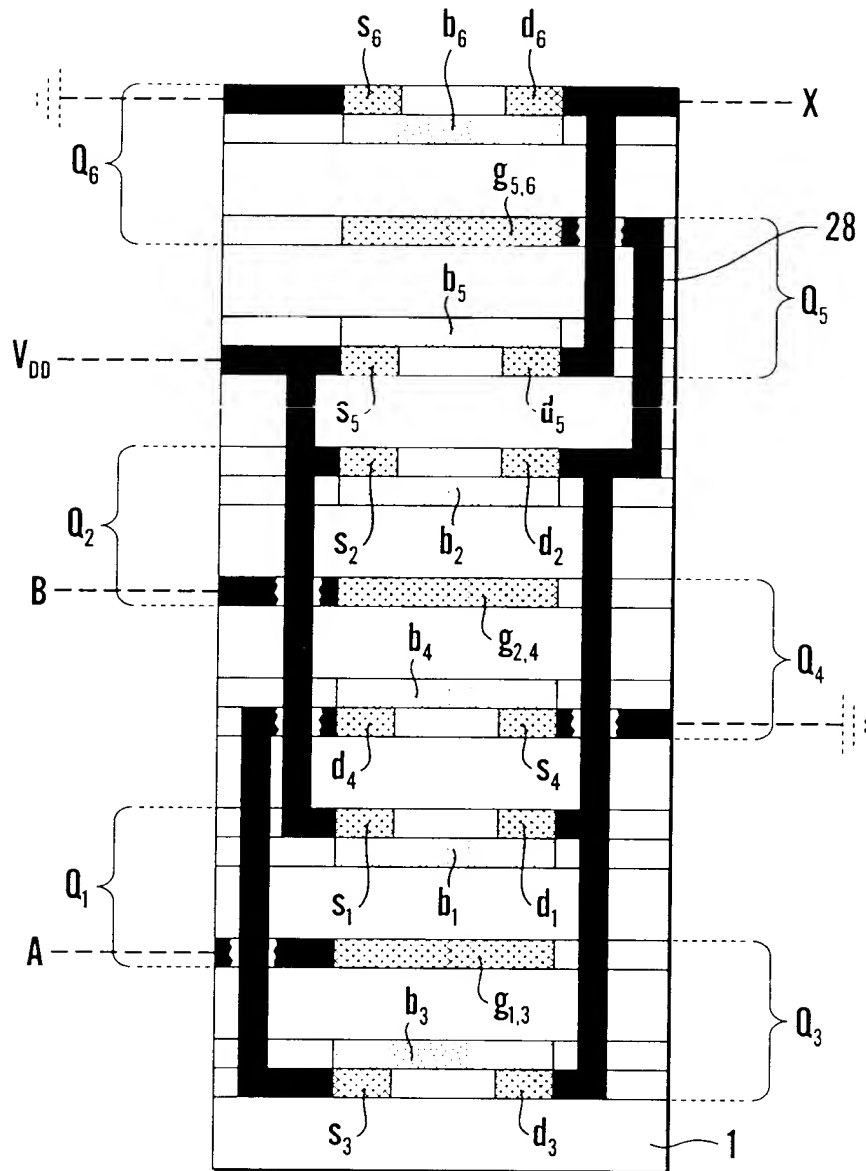


Fig.21b

18/20

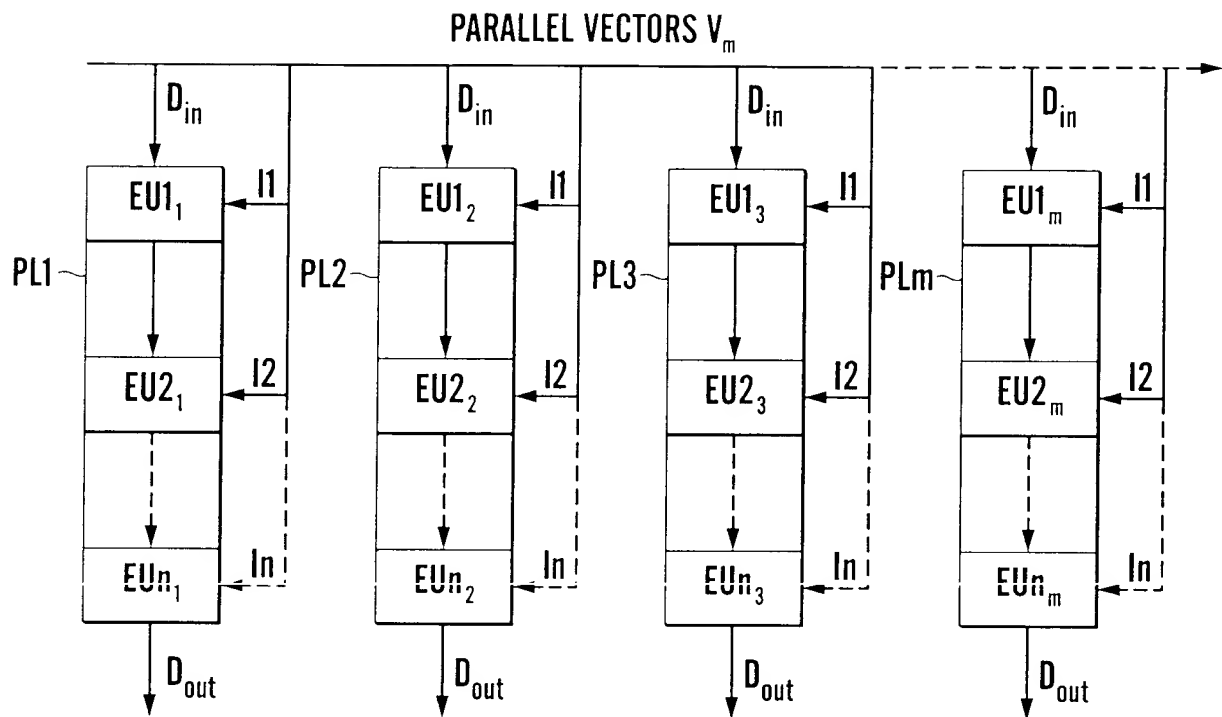


Fig.22

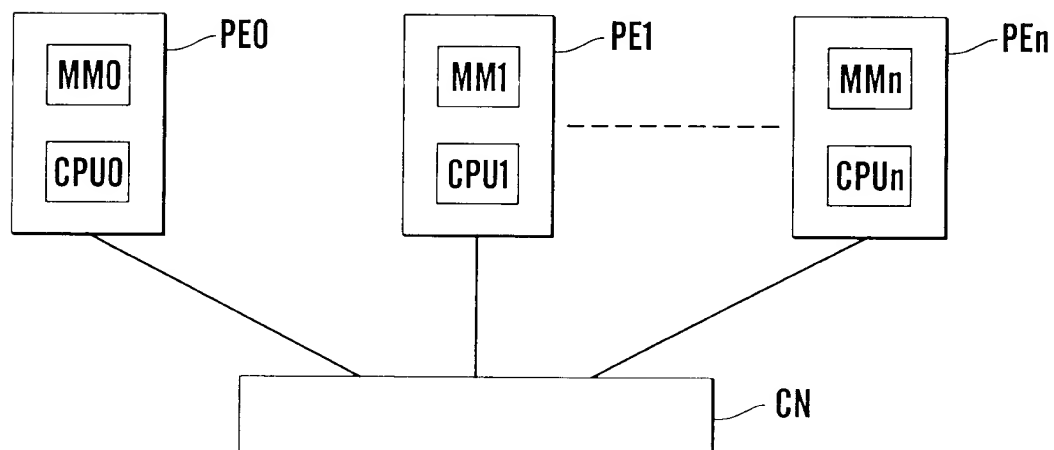


Fig.23

19/20

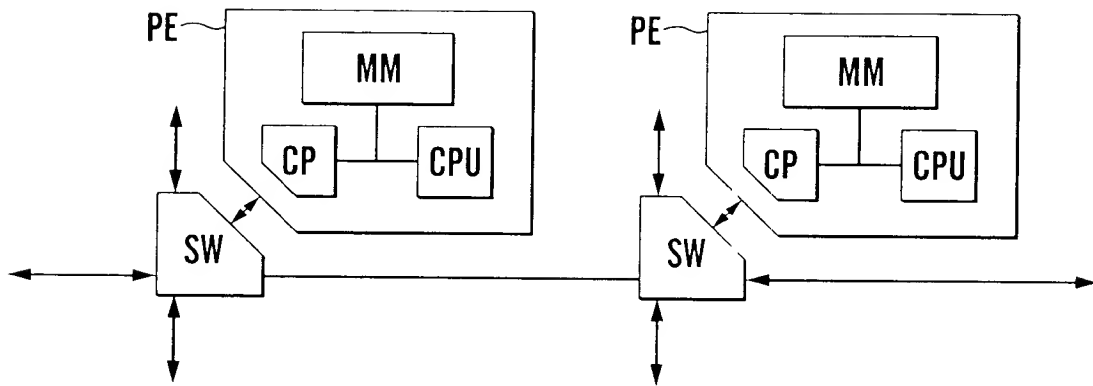


Fig.24

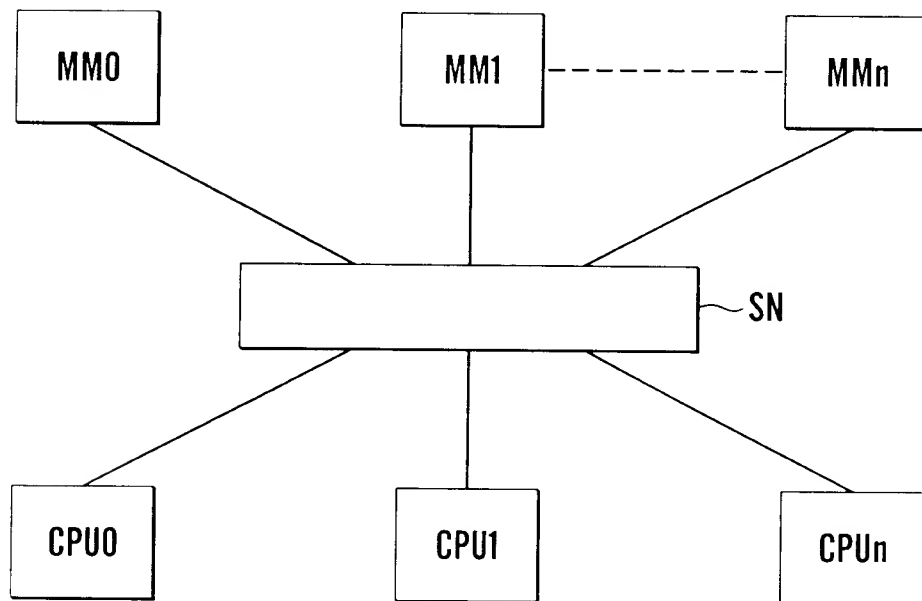


Fig.25

20/20

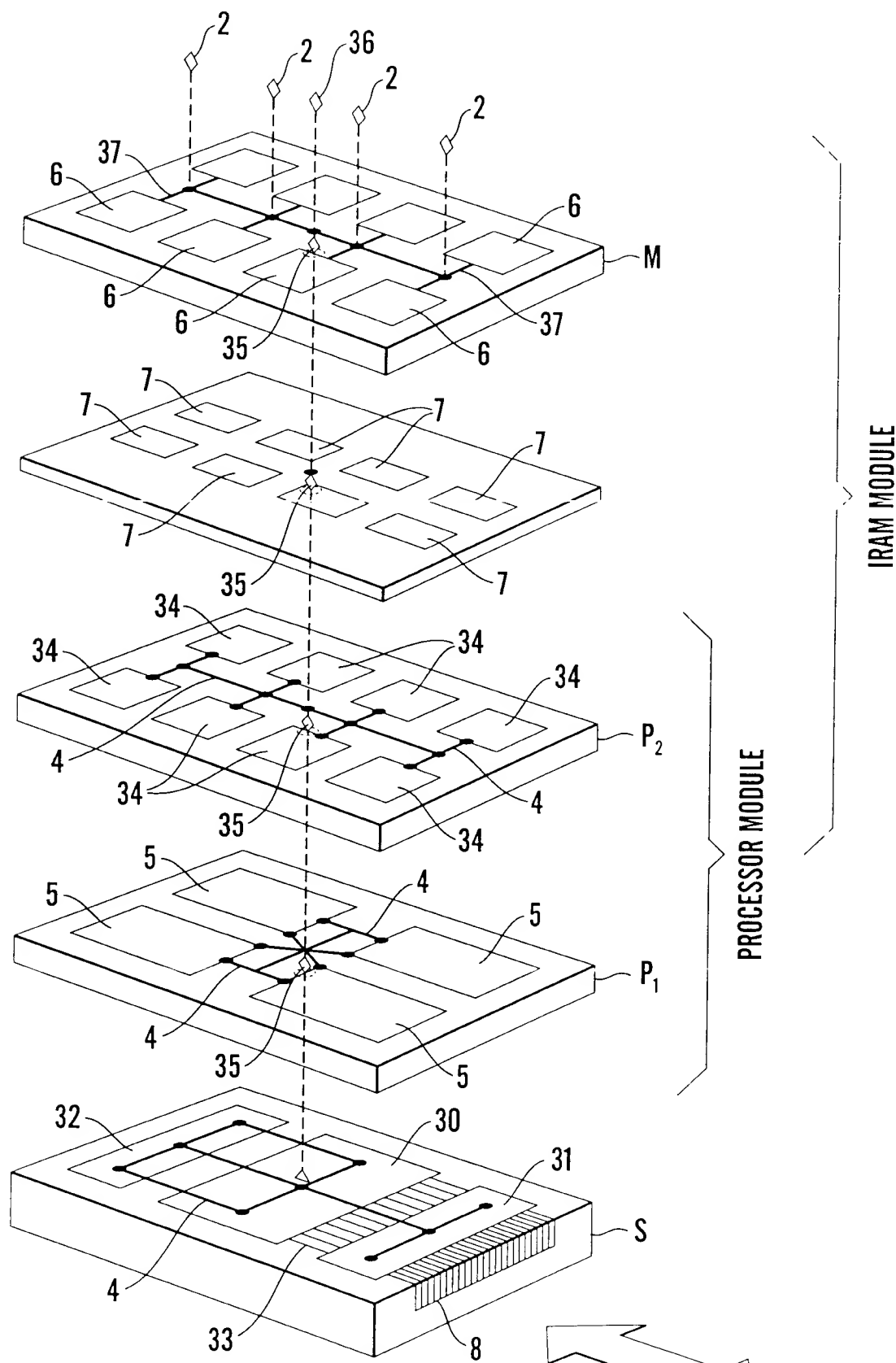


Fig.26